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atcgcgagcg	ctcgtctacga	aacatccaat	gacaactccc	tcattgtatag	ggtggcgaa	300
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tga						3183

FIG.1

MGKTVVGASRMFWLFFVPLLLALCPSEPAHALAPGSSRVLEFK
 ROSSKVPFEKGGKVTERVHSEFRLPALVNDGVMVALADARYETSDNLSLIDTVAKYS
 VDDGETWETQIAIKNSRASSVSRVVDPTIVKGNKLYVLGSSYNSSRSYFTSHGDARD
 WDIILAVGEVTKSTAGGKITASIKWSPVSLKEFFPAEMEGMHTNQFLGGAGVAIVAS
 NGNLVYPVQVTNKKQVFSKIFYSEDEGKTWKFGEGRSDFGCSEPVALEWEGKLIINT
 RVDYRRRLVYESSDMGNSWVEAVGTLRSRVWGPSKSNQPGSQSSFTAVTIEGMRVMLF
 THEPLNFKGRWLRDRINLWLTDNQRIYNVGQVSI GDENSAYSSVLYKDDKLYCLHEINS
 NEVYSLVFARLVGELRIIKSVLQSWKNWDSHLSSICTPADPAAASSERCGCPAVTTVG
 LVGFLSHSATKEWEDAYRCVNASTANAERVPNGLKFAVGGGALWFPVSQQGQONQRYH
 FANHAFTLVASVTIHEVPSVASPLLGASLDSSGGKKLLGLSYDEKHQWQPIYGSTPVT
 PTGSWEMGKRYHVLTMAANKIGSVYIDGEPLEGSGQTVVPDGRTPDISHFYVGGYGRS
 DMPTISHVTNNVLLYNRQLNAEEIRTLFLSQDLIGTEAHMGSSSGSSAHSTPSTPAD
 NGAHSTPSTPADSSAHSTPSTPADSSAHSTPSAPGDNGAHSTPSTPGDSSAHSTPSTP
 ADNGAHSTPSAPADSNAHSTPSTPADNGAHSTPSTPADNGAHSTPSTPGDNGAHSTPS
 TPGDSSAHSTPSTPADNGAHSTPSAPADSNAHSTPSTPGDNGAHSTPSAPADSNAHST
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 STPSAPGDNSAHSTPSTPADSSAHSTPSTPADSSAHSTPSAPGDNGAHSTPSAPADSS
 AHSTPSIPGDSSAHSTPSAPADSSAHSTPSAPGDNGAHSTPSTPADNGANGTVLILHD
 GAAFSAFSGGGLLLCAGALLLHVFMVAF

FIG.2

atgctggcac ccggatcgag ccgagttgag ctgtttaagc ggcaaagctc gaaggtgcca
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 gttaatgtgg acggggtgat gggtgccatc gctacgaaac atccaatgac
 aactccctca ttgatacggg ggcgaagtac atggggagac gtgggagacc
 caaattgccca tcaagaacag tcgtgcatcg tctgtttctc gtgtggtgga tccacagtg
 attgtgaagg gcaacaagct ttacgtcctg gttggaagct acaacagttc gaggagctac
 tggacgtcgc atggtgatgc gagagactgg gatattctgc ttgccgttgg tgaggtcacg
 aagtccactg cgggcggcaa gataactgcg agtatcaa atcaatttct tggcgtgca
 aaggaatttt ttccggcgga aatggaagga atgcacacaa ctgtgcaggt tacgaacaaa
 ggtgttgcca ttgtggcgct ccaacgggaat cttgtgtaco ctgtgcaggt tacgaacaaa
 aagaagcaag ttttttccaa gatcttctac tcggaagacg agggcaagac gtggaagttt
 gggaagggta ggagcgcttt tgactatcgc cgccgtctgg cccttgagtg ggaggggaag
 ctcatcataa acactcgagt tgcggcacag ctctcacgtg tgtacgagtc cagtgcacatg
 gggaattcgt cgggcagtc cagcagcttc actgccgtga tgtggggccc ctacacaaaa
 tcgaaccagc cacacccgct gaattttaag ggaaggtggc tgcgcgaccg aatgcgtgtt
 atgctcttca ataaccagcg cattttataac gttggggcaag tatccattgg actgattgca
 tggctgacgg gctccgtcct gtacaaggat gataagctgt actgtttgca tgcgatcaac
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 gacatctccc acttctacgt tggcgggtat atatgccaac cataagccac
 gtgacggtga ataattgttct cttttacaac atgcccagga gatcaggacc
 ttgttcttga gccaggacct gattggcacg gaagcacaca tggacagcag cagcgacacg
 agtgccctga

FIG.3

MLAPGSSRVELFKRQSSKVPFEKDGKVTFRVHVSFRLPALVNVVD
 GVMVALADARYETSNDNSLIDTVAKYSVDDGETWETQIAIKNSRASSVS RVDPFTIV
 KGNKLYVIVGSSYNSRSYWTSHGDARDWDILLAVGEVTKSTAGGKITASIKWGSFVSL
 KEFFPAEMEGMHTNQFLGGAGVAIVASNGNLVYPVQVTNKKQVFSKIFYSEDEGKTW
 KFGKGRSAFGCSEFPVALEWEGKLIINTRVDYRRRLVYESSDMGNSWLEAVGTLRSRVWG
 PSPKSNQPGSQSSFTAVTIEGMRVMLETHPLNFKGRWLRDRILNLWLTNDNQRINYVGVQV
 SIGDENSAYSSVLYKDDKLYCLHEINSNEVYSLVFARLVGEIRI IKSVLQSWKNWDSH
 LSSICTPADPAASSSERGCCPAAVTVGLVGLSHSATKTEWEDAYRCVNASTANAERV
 PNGLKFAVGGGALWPVSQQGQGNORYRFANHAFTVVASVTIHEVPSVASPILGASLDS
 SGGKLLGLSYDERHQWQPIYGSTPVTPTGSWEMGKRYHVLTANKIGSEYIDGEPL
 EGSGQTVVPDERTPDISHFYVGGYKRSMDPTISHVTVNNVLLYNRQINAEIIRTLFLS
 QDLIGTEAHMDSSSDTSA

FIG.4

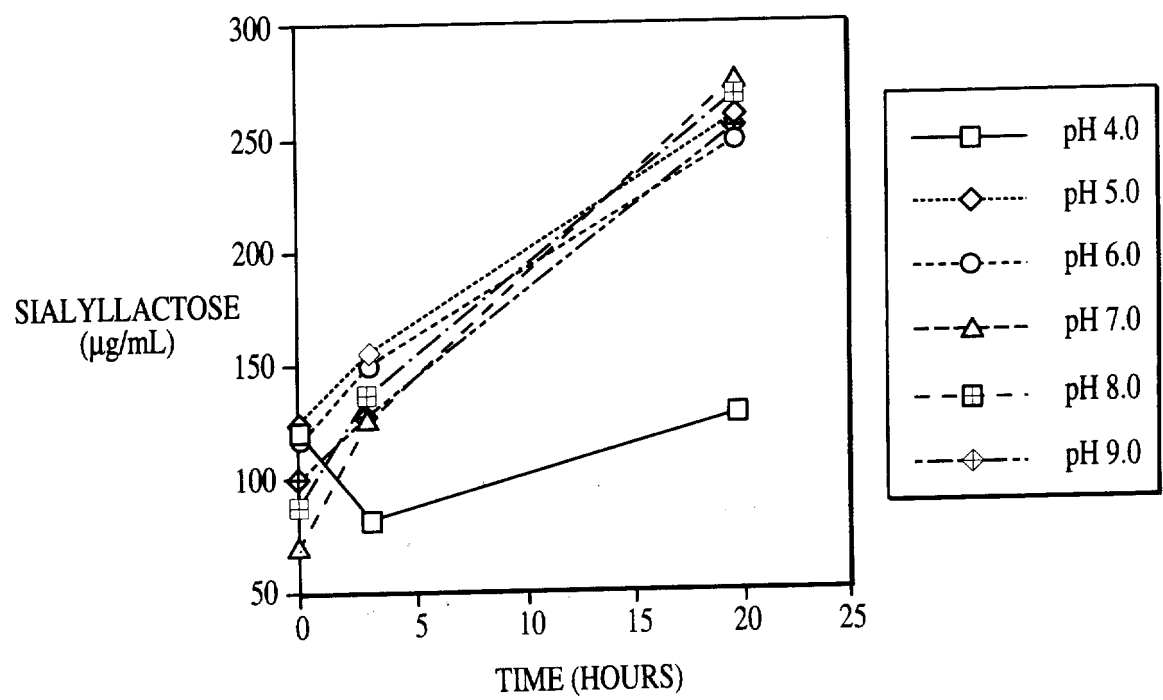


FIG.5

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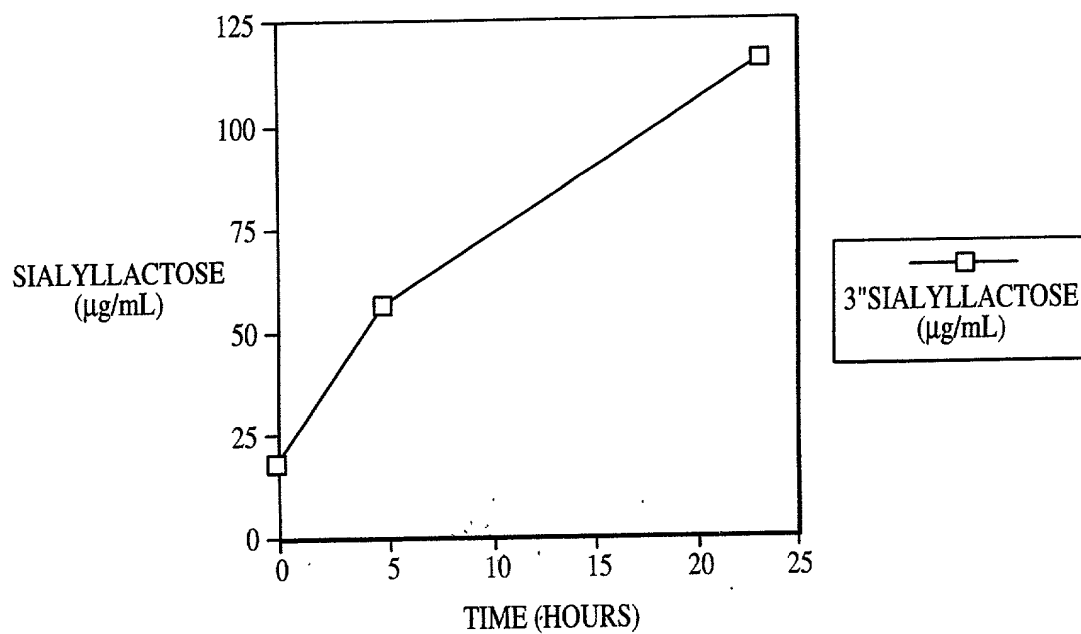


FIG.6

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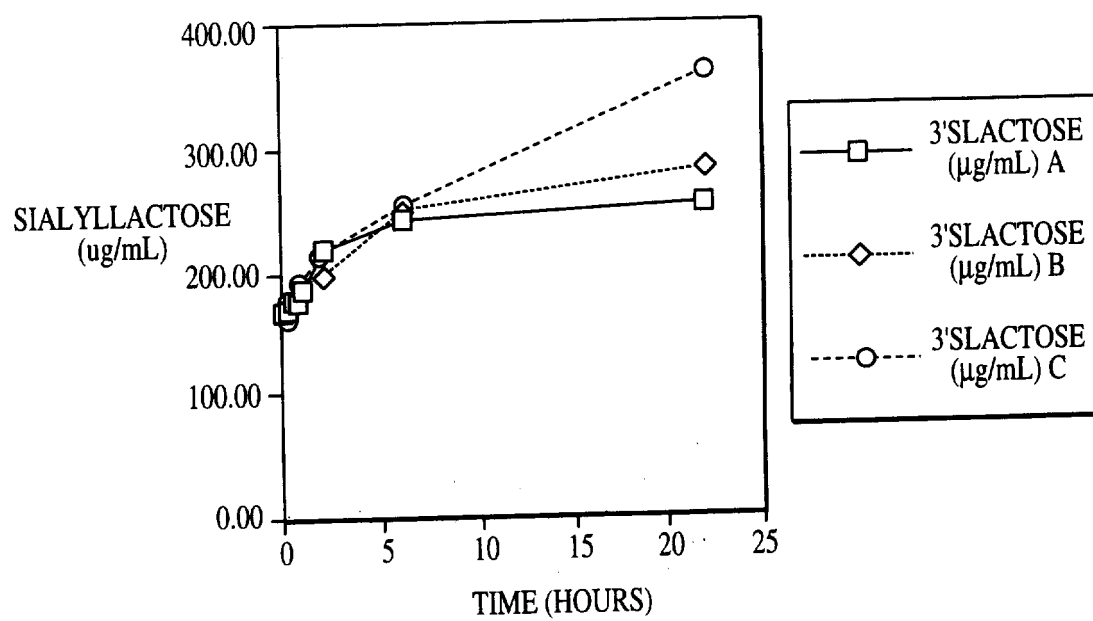


FIG.7A

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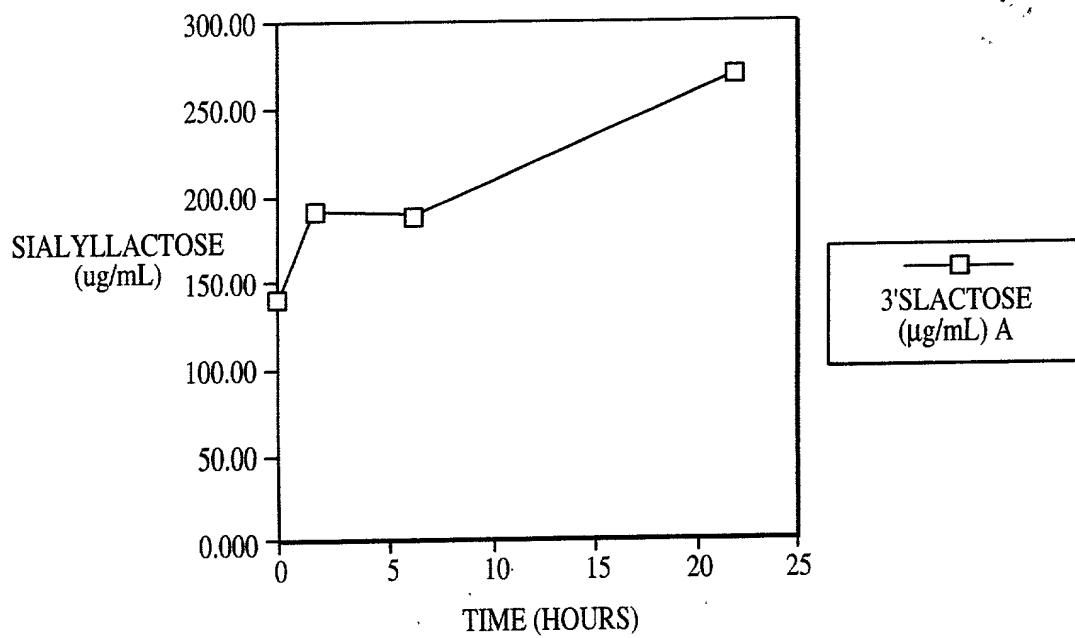


FIG.7B

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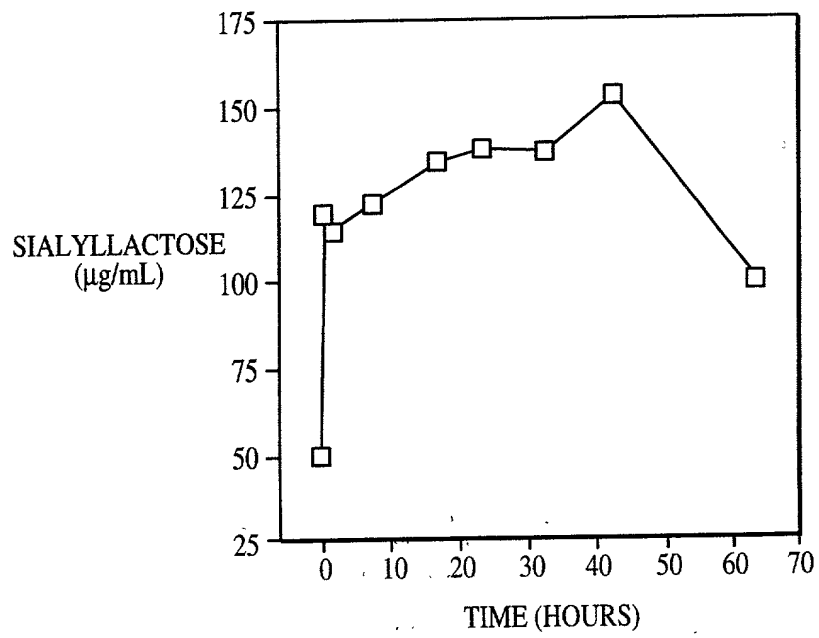


FIG.8

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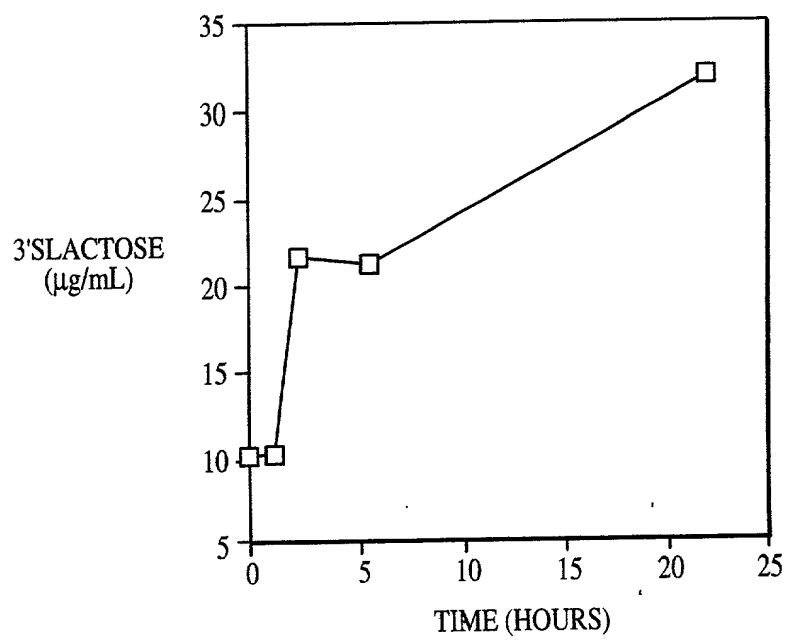


FIG.9